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Attorney's Docket No.: 13681-012001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Otterbein et al. Art Unit : 1614
Serial No. : 10/600,182 Examiner : Unknown
Filed : June 20, 2003
Title : PHARMACEUTICAL USE OF NITRIC OXIDE, HEME OXYGENASE-1 AND PRODUCTS OF HEME DEGRADATION

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), copies of any listed U.S. patents or U.S. patent application publications will be provided upon request.

This statement is being filed before a first Office action on the merits. Please apply any other charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 13681-012001.

Respectfully submitted,

Date: 7/13/05



Todd E. Garcia, Ph.D.
Reg. No. 54,112

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13681-012001	Application No. 10/600,182
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Otterbein et al.		
(37 CFR §1.98(b))		Filing Date June 20, 2003	Group Art Unit 1614	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	US 2004/0197271 A1	Oct. 7, 2004	Kunka et al.			
	A2	US 2003/0068387 A1	Apr. 10, 2003	Buelow et al.			
	A3	US 2004/0067261 A1	Apr. 8, 2004	Haas et al.			
	A4	5,664,563	Sep. 9, 1997	Schroeder et al.			
	A5	5,731,326	Mar. 24, 1998	Hart et al.			
	A6	5,914,316	Jun. 22, 1999	Brown et al.			
	A7	US 2005/0048133 A1	Mar. 3, 2005	Pinsky et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B1	WO 98/13058	04/02/1998	WIPO				
	B2	FR 2 816 212	05/10/2002	France			X	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	C1	Choi, "HemeOxygenase-1 Protects the Heart," <i>Circulation Research</i> 89:105-107 (2001)
	C2	Clayton et al., "Inhaled carbon monoxide and hyperoxic lung injury in rats," <i>Am. J. Physiol. Lung Cell Mol. Physiol.</i> 281:L949-57 (2001)
	C3	Fujita et al., "Paradoxical rescue from ischemic lung injury by inhaled carbon monoxide driven by derepression of fibrinolysis," <i>Nature Medicine</i> 7:598-604 (2001)
	C4	Hayes et al., "A Review of Modern Concepts of Healing of Cutaneous Wounds," <i>J. Dermatol. Surg. Oncol.</i> 3(2):188-93 (1977)
	C5	Kyokane et al., "Carbon Monoxide From Heme Catabolism Protects Against Hepatobiliary Dysfunction in Endotoxin-Treated Rat Liver," <i>Gastroenterology</i> 120:1227-40 (2001)
	C6	Lee et al., "Intestinal Motility and Absorption in Acute Carbon Monoxide Poisoning," <i>Seoul J. Med.</i> 15:95-105 (1974); English translation
	C7	Libby and Pober, "Chronic Rejection," <i>Immunity</i> 14:387-97 (2001)
	C8	Moore et al., "Inhaled Carbon Monoxide Suppresses the Development of Postoperative Ileus in the Murine Small Intestine," <i>Gastroenterology</i> 124:377-91 (2003)
	C9	Moore et al., "Pre-treatment with Low Concentrations of Carbon Monoxide (250 TO 75 ppm) for 3 hr prior to Laparotomy Protects Against Postoperative Ileus," <i>Digestive Disease Week abstracts and Itinerary Planner</i> 2003: Abstract No. M1337 (2003)
	C10	Nachar et al., "Low-Dose Inhaled Carbon Monoxide Reduces Pulmonary Vascular Resistance During Acute Hypoxemia in Adult Sheep," <i>High Altitude Medicine & Biology</i> 2:377-385 (2001)

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Filing Date June 20, 2003	Group Art Unit 1614	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	C11	Nakao et al., "Immunomodulatory effects of inhaled carbon monoxide on rat syngeneic small bowel graft motility," Gut 52:1278-85 (2003)
	C12	Otterbein LE, Choi AMK, "Carbon monoxide at low concentrations causes growth arrest and modulates tumor growth in mice," [Abstract], Am. J. Respir. Crit. Care Med. 163:A476 (2001)
	C13	Otterbein et al., "Carbon monoxide suppresses arteriosclerotic lesions associated with chronic graft rejection and with balloon injury," Nature Medicine 9:183-90 (2003)
	C14	Pannen et al., "Protective Role of Endogenous Carbon Monoxide in Hepatic Microcirculatory Dysfunction after Hemorrhagic Shock in Rats," J. Clin. Invest. 102:1220-1228 (1998)
	C15	Peek et al., "Extracorporeal Membrane Oxygenation for Adult Respiratory Failure," Chest 112(3):759-64 (1997)
	C16	Zuckerbraun et al., "Carbon monoxide attenuated the development of necrotizing enterocolitis in an animal model," Surgical Infection Society 3:83 (2002)
	C17	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	